WinSALTS

The Windows Version of the SALTS Program

Information on the COMSAT Planet 1 INMARSAT Mini-M Unit

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What Is INMARSAT-M?

INMARSAT-M is a digital service that provides satellite voice communications at 6.4 kilobits per second (KBPS), and fax and data transmissions at 2.4 KBPS. INMARSAT-M units are about the size of a brief case or laptop. Maritime and land portable terminals are available for INMARSAT-M service.

What is Planet 1?

COMSAT s Planet 1 is the smallest satellite phone on the market. Planet 1 phones are the size of a laptop computer, weighing less than six pounds. Planet 1 uses spot beams on board the latest generation of INMARSAT satellites to provide voice at 4.8 KBPS and fax and data at 2.4 KBPS.

Hardware Setup

1.) With the computer and Planet 1 unit turned off, connect the female, 9-pin end of an RS-232 serial cable to an available COM port on the WinSALTS computer (usually COM1).

2.) Connect the other end of the RS-232 serial cable to the Planet 1 unit s Data Port.

3.) Setup and power-up the Planet 1 unit, and log on to a satellite as instructed by the unit s User s Manual.

WinSALTS Setup

1.) Power-up the WinSALTS computer.
2.) In WinSALTS:

    a) select System
    b) select Modem Settings
    c) set the appropriate COM port (usually COM1)
    d) set the BAUD Rate to 9600

    Note: Even though the Planet 1 only transmits data at 2.4 KBPS, set the BAUD Rate to 9600.

    e) set the Modem Type to HAYES 9600
    f) set Tone dialing
    g) click the Done button

3.) In WinSALTS:

    a) select System
    b) select SALTS Phone No
    c) click the Add button to create a new Planet 1 INMARSAT phone entry
    d) in the Description box, type: Planet 1 INMARSAT Mini-M
    e) in the Phone Number box, type: 001-215-697-9020#
    f) set the Call Type to INMARSAT
    g) click the Done button

Important Note: The 9020 extension in the modem number above connects to a high-speed modem bank. If you have difficulties establishing a connection to this modem bank, try extension 1107 or 1108.

1.) Click the Windows Start button.
2.) Select Settings
3.) Select Control Panel
4.) Double-click the Modems icon
5.) On the General tab:

    a) click the Add button
    b) check the Don t Detect My Modem option, and click the Next button
    c) select the Hayes manufacturer
    d) select the Hayes Compatible 9600 modem, and click the Next button

    Note: Even though the Planet 1 only transmits data at 2.4 KBPS, install the 9600-BAUD modem.

    e) select the COM port that the Planet 1 unit is attached to (usually COM1), and click the Next button
    f) click the Finished button when modem installation is complete
    g) highlight the modem you just installed, and click the Properties button
    h) select the Connection tab
    i) uncheck the Wait for Dial Tone Before Dialing option under Call Preferences
    j) click the OK button
    k) exit Control Panel

WinSALTS Transmissions

Once Windows Control Panel, WinSALTS and the Planet 1 unit have all been properly configured, you should be ready to connect to the SALTS host.

In WinSALTS:

1.) select Connect
2.) select By Telephone
3.) select the Planet 1 INMARSAT Mini-M phone number entry
4.) click the Connect button